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15-CT-5799

**REMARKS****Introductory Comments:**

Claims 1-17 are pending in the application. Claims 9-10 are allowed. Claims 1 and 8 are rejected, and claims 2-7 are objected to as being dependent on a rejected base claim but would be allowable if rewritten in independent form including all the limitations of the base claim and any intervening claims. Claims 11-17 are objected to due to informalities. Claim 1 is cancelled. The Applicant respectfully requests reconsideration of claims 2-8 and 11-17.

**In Response To The Claim Objections:**

Claim 1 is objected to because the Office Action alleged the following informalities: line 7, --first-- should be inserted before "scatter." Claim 1 is cancelled and claim 2 is amended to include the limitations of claim 1 and the aforementioned suggestion. No new matter has been added.

Claim 11 is objected to because the Office Action alleged the following informalities: line 11, --first-- should be inserted before "scatter." Applicant has amended claim 11 in accordance with the suggestions made by the Examiner in the Office Action. Claims 11-17 are now believed to be in a condition for allowance.

**In Response To The Claim Rejections:**

Claims 1 and 8 are rejected under 35 U.S.C. §102(b) as being anticipated by *Smith* (US Patent 5,181,234).

Although Applicant believes the claims to be allowable in their current form, Applicant nevertheless cancels claim 1 and amends claim 2 to include the limitations of claim 1. The Office Action recognizes that claims 2-7 would be allowable if

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rewritten in independent form including all the limitations of the base claim and any intervening claims. Therefore, the amended claim 2 is believed to be allowable because, as recognized by the Office Action, the prior art fails to teach or suggest the imaging system of the cancelled claim 1 further comprising a CT detector coupled to the gantry, as in the amended claim 2. Claims 3-8 depend from claim 2 and are believed to be allowable for at least this reason.

In view of the aforementioned remarks, it is respectfully submitted that all pending claims are in a condition for allowance. A notice of allowability is therefore respectfully solicited. Please charge any fees required in the filing of this amendment to Deposit Account 50-0476.

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The Examiner is invited to contact the undersigned at (248) 223-9500 if any unresolved matters remain.

Respectfully Submitted,

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